

CLAIMS

What is claimed is:

1. An application modifier system, comprising:
an interrogation component that determines parameters associated with an operating environment for the application; and
a modification component that automatically configures the application based at least in part upon the determined parameters so that it will function as desired within the execution environment.
2. The application modifier system of claim 1, employed in an industrial automation environment.
3. The application modifier system of claim 1, being a computer-implemented software application.
4. The interrogation component of claim 1, utilizing an artificial intelligence technique to determine parameters associated with an operating environment for the application.
5. The modification component of claim 1, utilizing an artificial intelligence technique to configure the application based at least upon the determined parameters.
6. The application modifier system of claim 1, further comprising an application and parameter data store that stores at least one application and at least one parameter interrogation question.
7. The application modifier system of claim 1, further comprising a history component that stores historical application configurations.

8. The application modifier system of claim 1, further comprising an application modification display component to display at least one application and at least one operating environment.
9. The application modifier system of claim 1, further utilizing a wireless network.
10. An application modifier system, comprising:
 - an interrogation component that determines parameters associated with an operating environment for the application; and
 - a modification component that automatically configures the application based at least in part upon the determined parameters so that it will function as desired within the execution environment; and
 - a virtual code component that utilizes .NET virtual machine code-ability mechanisms to convert managed code into native computer assembly.
11. The application modifier system of claim 10, the virtual code component that utilizes .NET to morph the application code to an underlying platform at runtime.
12. The application modifier system of claim 10 utilizes at least one industrial automation programming language.
13. The application modifier system of claim 10, employed in an industrial automation environment.
14. The application modifier system of claim 10, being a computer-implemented software application.
15. The interrogation component of claim 10, utilizing an artificial intelligence technique to determine parameters associated with an operating environment for the application.

16. The modification component of claim 10, utilizing an artificial intelligence technique to configure the application based at least upon the determined parameters.
17. The application modifier system of claim 10, further comprising an application and parameter data store that stores at least one application and at least one parameter interrogation question.
18. The application modifier system of claim 10, further comprising a history component that stores historical application configurations.
19. The application modifier system of claim 10, further comprising an application modification display component to display at least one application and at least one operating environment.
20. The application modifier system of claim 10, further utilizing a wireless network.
21. An application modifier method comprising:
determining parameters associated with an operating environment for the application *via* interrogation ; and
modifying and/or automatically configuring the application based at least in part upon the determined parameters.
22. The application modifier method of claim 21, employed in an industrial automation environment.
23. The application modifier method of claim 21, being a computer-implemented software application.
24. The application modifier method of claim 21, employing an artificial intelligence technique to determine parameters associated with an operating environment for the application.

25. The application modifier method of claim 21, employing an artificial intelligence technique to configure the application based at least upon the determined parameters.
26. The application modifier method of claim 21, further comprising storing at least one application and at least one parameter interrogation question.
27. The application modifier method of claim 21, further comprising storing historical application configurations.
28. The application modifier method of claim 21, further comprising displaying at least one application and at least one operating environment.
29. The application modifier method of claim 21, further comprising a wireless network.
30. An application modifier method, comprising:
 - determining parameters associated with an operating environment for the application *via* interrogation;
 - modifying and/or automatically configuring the application based at least in part upon the determined parameters; and
 - converting managed code into native computer assembly utilizing .NET virtual machine code-ability mechanisms.
31. The application modifier method of claim 30, further comprising .NET to morph application code to an underlying platform at runtime.
32. The application modifier method of claim 30 utilizing at least one industrial automation programming language.

33. The application modifier method of claim 30, employed in an industrial automation environment.
34. The application modifier method of claim 30, being a computer-implemented software application.
35. The application modifier method of claim 30, employing an artificial intelligence technique to determine parameters associated with an operating environment for the application.
36. The application modifier method of claim 30, employing an artificial intelligence technique to configure the application based at least upon the determined parameters.
37. The application modifier method of claim 30, further comprising storing at least one application and at least one parameter interrogation question.
38. The application modifier method of claim 30, further comprising storing historical application configurations.
39. The application modifier method of claim 30, further comprising displaying at least one application and at least one operating environment.
40. The application modifier method of claim 30, further utilizing a wireless network.
41. An application modifier system comprising:
 - an interrogation means for determining parameters associated with an operating environment for the application; and
 - a modification means for automatically configuring the application based at least in part upon the determined parameters so that it will function as desired within the execution environment.

42. An application modifier system, comprising:
- an interrogation means for determining parameters associated with an operating environment for the application; and
 - a modification means for automatically configuring the application based at least in part upon the determined parameters so that it will function as desired within the execution environment; and
 - a converting means for morphing managed code into native computer assembly utilizing .NET virtual machine code-ability mechanisms.